

## PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5      Applicant(s): Cheng-Tung Huang, et al.

Patent No.: 6,955,929 B2 Issue Date: 10/18/2005

Serial No.: 10/709,236 Filing Date: 04/23/2004

Examiner: NGUYEN, TUAN H Art Unit: 2813

Docket No.: NAUP0464USA

10

Title: METHOD OF MEASURING A GATE CHANNEL LENGTH OF A  
METAL-OXIDE SEMICONDUCTOR TRANSISTOR

To: Commissioner for Patents

15

P.O. BOX 1450

Alexandria, VA 22313-1450

Subject: Status Inquiry of COC based on the Correction of Inventorship under 37 CFR 1.324

20

Dear Sir,

The undersigned agent submitted a request to correct inventorship under 37 CFR 1.324 on 01/16/2006 and a request for COC on 05/22/2006 to add the third inventor Chien-Chieh Huang as one of the inventors of the above identified utility patent. Chien-Chieh Huang was also recorded as one of the assignor on 01/17/2006.

The petition of correction of inventorship was granted on 04/10/2007 and the inventor Chien-Chieh Huang was entered in the webpage of PAIR (Attachment 1).  
30 The corrected filing receipt was issued on 02/01/2008 (Attachment 2). However, the Certificate of Correction has not been received so far.

The undersigned agent hereby requests the USPTO to issue the Certificate of Correction pursuant to 37 CFR 1.324 as soon as possible. The request of COC submitted on 05/22/2006 (Attachment 3) and the PTO/SB/44 form were enclosed for your quick reference. Your prompt response to this matter will be greatly appreciated.

5

Respectfully submitted,

Winston Hsu

Date: 06/25/2008

10

Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

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Facsimile: 806-498-6673

15 e-mail : [winstonhsu@naipo.com](mailto:winstonhsu@naipo.com)

(Note: Note: Please leave a message in my voice mail if you need to talk to me. The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan)

20

## Attachment 1

10/709,236 METHOD OF MEASURING A GATE CHANNEL LENGTH OF A METAL- 06-23-  
OXIDE SEMICONDUCTOR TRANSISTOR 2008::23:32:02

**Patent Assignment Abstract of Title****Total Assignments: 2****Application #:** 10709236**Filing Dt:** 04/23/2004**Patent #:** 6955929**Issue Dt:** 10/18/2005**PCT #:** NONE**Publication #:** US20040214356**Pub Dt:** 10/28/2004**Inventors:** Cheng-Tung Huang, Sheng-Hao Lin, Nien-Chung Li, Yi-Cheng Sheng, Chien-Chieh Huang**Title:** METHOD OF MEASURING A GATE CHANNEL LENGTH OF A METAL-OXIDE SEMICONDUCTOR TRANSISTOR**Assignment: 1****Reel/Frame:** 014525 / 0410    **Received:** 04/23/2004    **Recorded:** 04/23/2004    **Mailed:** 04/23/2004    **Pages:** 3**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** HUANG, CHENG-TUNG**Exec Dt:** 04/21/2004

LIN, SHENG-HAO

**Exec Dt:** 04/21/2004

LI, NIEN-CHUNG

**Exec Dt:** 04/21/2004

SHENG, YI-CHENG

**Exec Dt:** 04/21/2004**Assignee:** UNITED MICROELECTRONICS CORP.

NO.3, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK

HSIN-CHU CITY, TAIWAN

**Correspondent:** NAPO (NORTH AMERICA INTERNATIONAL PATEN

P.O. BOX 506

MERRIFIELD, VA 22116

**Assignment: 2****Reel/Frame:** 017468 / 0752    **Received:** 01/23/2006    **Recorded:** 01/17/2006    **Mailed:** 04/14/2006    **Pages:** 4**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** HUANG, CHENG-TUNG**Exec Dt:** 12/13/2005

LIN, SHENG-HAO

**Exec Dt:** 12/13/2005

HUANG, CHIEN-CHIEH

**Exec Dt:** 12/13/2005

LI, NIEN-CHUNG

**Exec Dt:** 12/13/2005

SHENG, YI-CHENG

**Exec Dt:** 12/13/2005**Assignee:** UNITED MICROELECTRONICS CORP.

NO. 3, LI-HSIN ROAD 2, SCIENCE-BASED PARK

HSIN-CHU CITY, TAIWAN R.O.C.

**Correspondent:** NORTH AMERICA INTELLECTUAL PROPERTY CORP

P.O. BOX 506

MERRIFIELD, VA 22116

Search Results as of: 06/23/2008 23:07:04 PM

**Disclaimer:**

Assignment information on the assignment database reflects assignment documents that have been actually recorded.  
If the assignment for a patent was not recorded, the name of the assignee on the patent application publication or patent may be different.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350

**Close Window**

Attachment 2



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
10/709,236	04/23/2004	2813	1070	NAUP0464USA	19	2

CONFIRMATION NO. 3235

CORRECTED FILING RECEIPT



\*OC000000028033347\*

Date Mailed: 02/01/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

**Applicant(s)**

Cheng-Tung Huang, Kao-Hsiung City, TAIWAN;  
Sheng-Hao Lin, Hsin-Chu Hsien, TAIWAN;  
Chien-Chieh Huang, Taipei City, TAIWAN;  
Nien-Chung Li, Hsin-Chu City, TAIWAN;  
Yi-Cheng Sheng, Hsin-Chu City, TAIWAN;

**Power of Attorney:** The patent practitioners associated with Customer Number 027765

**Domestic Priority data as claimed by applicant**

**Foreign Applications**

TAIWAN 092109797 04/25/2003

**If Required, Foreign Filing License Granted:** 06/24/2004

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/709,236**

**Projected Publication Date:** Not Applicable

**Non-Publication Request:** No

**Early Publication Request:** No

Attachment 3 (9 pages)

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1/PW D.A.C. F.W.  
ff

TRADEMARK OFFICE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/709,236
Filing Date	04/23/2004
First Named Inventor	Cheng-Tung Huang
Art Unit	2813
Examiner Name	NGUYEN, TUAN H

9 Attorney Docket Number NAUP0464USA

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): 1. The cover page of Patent No. 6,955,929 2. The Notice of Recordation of Patent No. 6,955,929 3. The Deposit Account Statement of Deposit Account 50-3105
<input type="checkbox"/> Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	North America Intellectual Property Corporation		
Signature	<i>Winston Hsu</i>		
Printed name	Winston Hsu		
Date	MAY 22 2006	Reg. No.	41,526

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Alison Wu</i>		
Typed or printed name	Alison Wu	Date	MAY 22 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  
**FEE TRANSMITTAL**  
For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 100.00)

**Complete If Known**

Application Number	10/709,236
Filing Date	04/23/2004
First Named Inventor	Cheng-Tung Huang
Examiner Name	NGUYEN, TUAN H
Art Unit	2813
Attorney Docket No.	NAUP0464USA

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_  
 Deposit Account Deposit Account Number: **50-3105** Deposit Account Name: North America Intellectual Property Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

under 37 CFR 1.16 and 1.17

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)
- 20 or HP =	x	=		50	25

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=				

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50	(round up to a whole number)	x	=

- 100 = / 50 (round up to a whole number) x =

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request Certificate of Correction

Fees Paid (\$)

100.00

**SUBMITTED BY**

Signature	<i>Winston Hsu</i>	Registration No. (Attorney/Agent)	41,526	Telephone	3027291562
Name (Print/Type)	Winston Hsu			Date	<b>MAY 22 2006</b>

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent No.: US 6,955,929 B2      Issue Date: 10/18/2005  
Inventors : Cheng-Tung Huang et al.  
Examiner: NGUYEN, TUAN H  
App. No.: 10/709,236      Filing Date: 04/23/2004  
Art Unit: 2813      Docket No.: NAUP0464USA

Title: METHOD OF MEASURING A GATE CHANNEL LENGTH OF A METAL-OXIDE SEMICONDUCTOR TRANSISTOR

To: Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

Subject: Petition under 37 CFR 1.183 and  
Request for Certificate of Correction under 37 CFR 1.323

Dear Sir,

Upon reviewing the cover page of the above-identified patent, it is noticed that the inventorship is incorrect, because the third inventor Chien-Chieh Huang was missed (Attachment 1). The undersigned agent missed to list Chien-Chieh Huang as one of the actual inventors while filing the above-identified application. The actual inventors of the above-identified patent should be

Cheng-Tung Huang, Kao-Hsiung (TW);  
Sheng-Hao Lin, Hsin-Chu Hsien (TW);  
Chien-Chieh Huang, Taipei City (TW)  
Nien-Chung Li, Hsin-Chu (TW);  
Yi-Cheng Sheng, Hsin-Chu (TW)

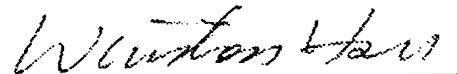
Failure to provide correct inventorship was inadvertent, but without any deceptive intention. The undersigned agent submitted the Recordation form cover

05/25/2006 HALI11 00000045 503105 6955929  
01 FC:1811 100.00 DA  
1/2

sheet and the assignment document and the request to correct inventorship under 37 CFR 1.324 to the USPTO on 01/17/2006. The assignment document was recorded on 01/17/2006 and Chien-Chieh Huang was added into the assignors successfully (Attachment 3). Although the processing fee for correcting inventorship in a patent was deducted from the deposit account no 50-3105 on 01/19/2006 (Attachment 2), Chien-Chieh Huang has not been added into the inventors so far. And the undersigned agent filed a status inquiry about the request to correct inventorship under 37 CFR 1.324 on 05/19/2006 (Attachment 4).

The undersigned agent hereby requests that a Certificate of Correction be issued under 37 CFR 1.323 and submits the fee \$100.00 set forth in 37 CFR 1.20(a) herewith. Please correct the inventorship and add Chien-Chieh Huang as the third inventor as soon as possible. Thank you.

Respectfully submitted,



Date: MAY 22 2006

Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562

Facsimile: 806-498-6673

e-mail : [winstonhsu@naipo.com](mailto:winstonhsu@naipo.com)

Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)

Attachment 1.



(12) **United States Patent**  
Huang et al.

(10) **Patent No.:** US 6,955,929 B2  
(45) **Date of Patent:** Oct. 18, 2005

(54) **METHOD OF MEASURING A GATE CHANNEL LENGTH OF A METAL-OXIDE SEMICONDUCTOR TRANSISTOR**

(75) Inventors: Cheng-Tung Huang, Kao-Hsiung (TW); Sheng-Hao Lin, Hsin-Chu Hsien (TW); Nien-Chung Li, Hsin-Chu (TW); Yi-Cheng Sheng, Hsin-Chu (TW)

Please add

"Chien-Chih Huang" as

the third inventor

Thank you.

(73) Assignee: United Microelectronics Corp., Hsin-Chu (TW)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 10/709,236

(22) Filed: Apr. 23, 2004

(65) **Prior Publication Data**

US 2004/0214356 A1 Oct. 28, 2004

(30) **Foreign Application Priority Data**

Apr. 25, 2003 (TW) 92109797 A

(51) **Int. Cl.7** H01L 21/66

(52) **U.S. Cl.** 438/14; 438/17

(58) **Field of Search** 438/14, 17, 197, 438/199, 18; 257/48

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2002/0001899 A1 \* 1/2002 Ito 438/231  
2003/0224545 A1 \* 12/2003 Chung et al. 438/17

\* cited by examiner

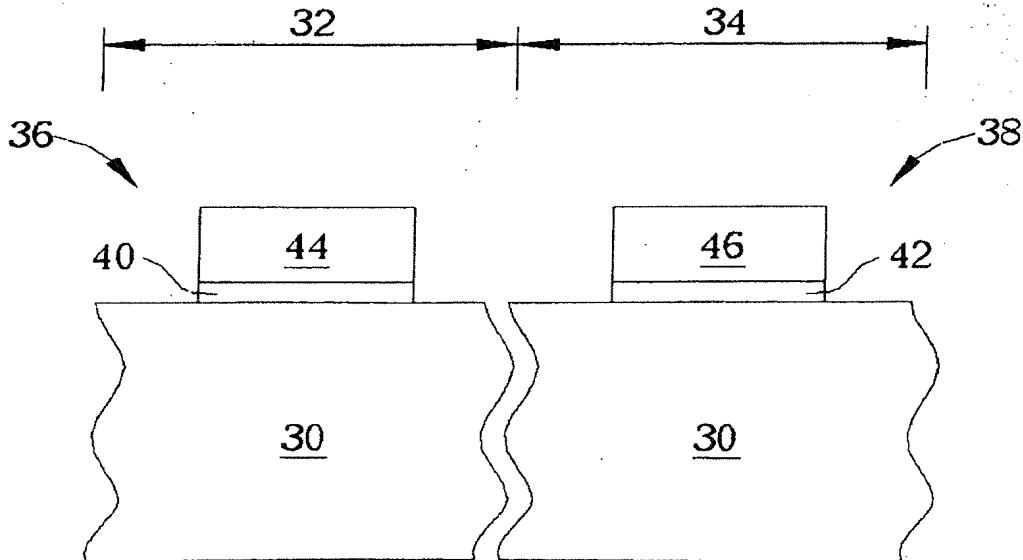
*Primary Examiner*—Tuan H. Nguyen

(74) **Attorney, Agent, or Firm**—Winston Hsu

**ABSTRACT**

A predetermined voltage is applied respectively on a first gate of a first metal-oxide semiconductor (MOS) transistor with a known channel length and a second gate of a second MOS transistor with an unknown channel length. A first inverse gate leakage current of the first MOS transistor and a second inverse gate leakage current of the second MOS transistor are then measured. By using the first and second inverse gate leakage currents, the channel widths of the first and the second gates, the channel length of the first gate and an equation, the channel length of the second gate is obtained.

19 Claims, 3 Drawing Sheets



**BEST AVAILABLE COPY**

Attachment 2



NAU-464

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 14, 2006

PTAS



\*103162625A\*

NORTH AMERICA INTELLECTUAL PROPERTY CORP  
P.O. BOX 506  
MERRIFIELD, VA 22116

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/17/2006

REEL/FRAME: 017468/0752 ✓  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: HUANG, CHENG-TUNG DOC DATE: 12/13/2005

ASSIGNOR: LIN, SHENG-HAO DOC DATE: 12/13/2005

ASSIGNOR: HUANG, CHIEN-CHIEH DOC DATE: 12/13/2005

ASSIGNOR: LI, NIEN-CHUNG DOC DATE: 12/13/2005

ASSIGNOR: SHENG, YI-CHENG DOC DATE: 12/13/2005

017468/0752 PAGE 2

ASSIGNEE:

UNITED MICROELECTRONICS CORP.  
NO. 3, LI-HSIN ROAD 2, SCIENCE-  
BASED PARK  
HSIN-CHU CITY, TAIWAN R.O.C.

SERIAL NUMBER: 10709236

FILING DATE: 04/23/2004

PATENT NUMBER: 6955929

ISSUE DATE: 10/18/2005

TITLE: METHOD OF MEASURING A GATE CHANNEL LENGTH OF A METAL-OXIDE  
SEMICONDUCTOR TRANSISTOR

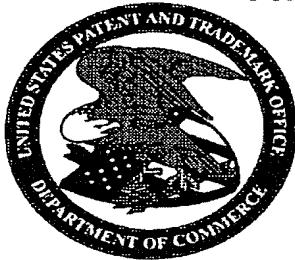
PAULA MCCRAY, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

01/18 93	11306968	HHIP0081USA	8021	\$40.00	\$52,427.00
01/18 94	11306968	HHIP0081USA	1311	\$200.00	\$52,227.00
01/18 95	11306968	HHIP0081USA	1111	\$500.00	\$51,727.00
01/18 100	11306970	HHIP0082USA	1011	\$300.00	\$51,427.00
01/18 101	11306970	HHIP0082USA	8021	\$40.00	\$51,387.00
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01/18 104	11306971	HHIP0083USA	1011	\$300.00	\$50,387.00
01/18 105	11306971	HHIP0083USA	8021	\$40.00	\$50,347.00
01/18 106	11306971	HHIP0083USA	1311	\$200.00	\$50,147.00
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01/18 108	11306972	HHIP0084USA	1011	\$300.00	\$49,347.00
01/18 109	11306972	HHIP0084USA	8021	\$40.00	\$49,307.00
01/18 110	11306972	HHIP0084USA	1311	\$200.00	\$49,107.00
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01/19 5	6398481		1554	-\$130.00	\$48,737.00
01/19 5	10908633	NTCP0051USA	1501	\$1,400.00	\$47,337.00
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01/19 7	10905270	DATP0007USA	2501	\$700.00	\$46,337.00
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01/19 75	11307002	NAUP0748USA	1311	\$200.00	\$45,597.00
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01/19 113	11307011	FTLP0065USA	8021	\$40.00	\$43,677.00
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01/20 10	10888878	250606-1150	1501	\$1,400.00	\$41,447.00
01/20 11	10888878	250606-1150	1504	\$300.00	\$41,147.00
01/20 12	09789947	448801/0002	1501	\$1,400.00	\$39,747.00
01/20 13	09789947	448801/0002	1504	\$300.00	\$39,447.00
01/20 14	10711392	NAUP0633USA	1501	\$1,400.00	\$38,047.00
01/20 15	10711392	NAUP0633USA	1504	\$300.00	\$37,747.00
01/20 16	10904795	NAUP0510USA3	1501	\$1,400.00	\$36,347.00
01/20 17	10904795	NAUP0510USA3	1504	\$300.00	\$36,047.00
01/20 18	10710724	NAUP0496USA4	1501	\$1,400.00	\$34,647.00
01/20 19	10710724	NAUP0496USA4	1504	\$300.00	\$34,347.00
01/20 57	10604717	ADTP0051USA	1251	\$120.00	\$34,227.00
01/20 93	11275633	VIAP0153USA	1011	\$300.00	\$33,927.00
01/20 94	11275633	VIAP0153USA	1111	\$500.00	\$33,427.00
01/20 95	11275633	VIAP0153USA	1311	\$200.00	\$33,227.00
01/20 96	11275633	VIAP0153USA	1463	\$200.00	\$33,027.00
01/20 113	60766453	NVAP0013USA	1005	\$200.00	\$32,827.00
01/20 114	60766453	NVAP0013USA	8021	\$40.00	\$32,787.00
01/20 115	11307046	MTKP0314USA	1011	\$300.00	\$32,487.00
01/20 116	11307046	MTKP0314USA	1202	\$650.00	\$31,837.00
01/20 117	11307046	MTKP0314USA	1201	\$200.00	\$31,637.00

Attachment 4

USPTO 5/19/2006 6:08 AM PAGE 1/001 Fax Server  
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## Auto-Reply Facsimile Transmission



TO: Fax Sender at 18064986673  
Fax Information  
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<p>To: USPTO Page 1 of 7 2006-05-19 10:02:39 (GMT) 18064986673 From: BINGCHI CHANG</p> <p><b>NAIP</b> North America Intellectual Property Corporation P.O. BOX 506, Merrifield, VA 22316, U.S.A. Voice Mail: 302-729-1562 FAX: 800-498-6673 e-mail: winstonhsu@naipo.com Customer No.: 27765</p> <p>Fax To: NGUYEN, TUAN H Tel: (571) 272-1694 Art Unit: 2813 Fax: (571) 273-8300</p> <p>From: Winston Hsu, Registration No. 41,526 Serial No.: 10/709,236 Attorney Docket No.: NAUP0464USA Subject: Status Inquiry of Request to correct inventorship under 37 CFR 1.324</p> <p>Total Pages: 7 pages (including cover page)</p> <p>Winston Hsu <u>MAY 19 2006</u></p> <p>NAUP0464USA0_F7_1</p>	
<p>PAGE 17 / RECEIVED AT 5/19/2006 6:03:56 AM [Eastern Daylight Time] / SVR:USPTO-ENVF-642 / DMS:273304 / CSD:18064986673 / DURATION:000-00-00:00:00</p>	

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CERTIFICATE OF CORRECTIONPage 1 of 1

PATENT NO. : US 6,955,929 B2

APPLICATION NO.: 10/709,236

ISSUE DATE : 10/18/2005

INVENTOR(S) : Cheng-Tung Huang et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Item (75), Inventors,

Chien-Chieh Huang should be supplemented as the third inventor.

-- Cheng-Tung Huang, Kao-Hsiung (TW); Sheng-Hao Lin, Hsin-Chu Hsien (TW); Chien-Chieh Huang, Taipei City (TW); Nien-Chung Li, Hsin-Chu (TW); Yi-Cheng Sheng, Hsin-Chu (TW) --

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